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Remarks

The Examiner objected to the drawings and specification. The newly amended claims 1 renders these two objections moot. The newly written claim 1 recites the first and second bias nodes of the first and second half bridges, and describes the electrical connection of them through the at least one multiplexer which is clearly not shown in the prior art references (including 6,687,642).

Also, the first bias node goes to the first signal conditioning path, and the second bias node goes to the second signal conditioning path.

For the above reasons, reconsideration by the Examiner, allowance of the claims as now presented and passing of the case to issuance are respectfully solicited.

Respectfully submitted,



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